



Rocky Flats Environmental Technology Site  
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October 23, 1996

96-RM-TA-0195-KH

Steven Tower, Lead  
Regulatory Assessment Group  
Rocky Flats Field Office  
U.S. Department of Energy

Attn.: David Grosek

**RCRA CONTINGENCY PLAN, REQUIRED REPORT - GRK-283-96**

The Rocky Flats Environmental Technology Site (Site) had two incidental releases of oil containing hazardous substances on October 11, 1996. These events occurred adjacent to Building 774/765, at the loading location for the tanker that was transferring the oils to Oak Ridge for incineration. It was determined that the releases did not immediately endanger human health or the environment, but that the releases did exceed one pint of liquid. Due to this, off-site notification was implemented in accordance with the Part B Operating Permit, Part VI - RCRA Contingency Plan. Information associated with the off-site notification consisted of the amount of the incidental releases, the hazardous constituents that were in the liquid, and the concentrations of the constituents. The citation is as follows:

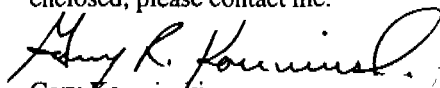
The incidental releases that took place on October 11th were hazardous for:

trichloroethene	@ 250 ppm
methylene chloride	@ 33 ppm
1,1,1- trichloroethane	@ 930 ppm

Approximately 1 gallon of this material was released, contained, immediately cleaned up, and disposed according to approved procedures. There was no threat to human health or the environment.

Additional information associated with the incidental releases, the management of the situation, and the decision to release the tanker from the Site are shown in Attachment 1. Attachment 2 contains the information that is required, by the RCRA Contingency Plan, to be submitted to the Director of the Colorado Department of Public Health and Environment (CDPHE) and to the Environmental Protection Agency.

Thank you for your prompt consideration in this matter. If you need information in addition to that which is enclosed, please contact me.

  
Gary Konwinski  
RMRS, Environmental Manager



**ADMIN RECCRD**

SW-A-004028

1/4

Attachments (2)

As stated

cc:

Karan North

Kevin Sheehan

Candice Jierree

Ann Tyson

Martin Wheeler

Joe Molter

Karlan Richards

RMRS Records

File

## Attachment 1

The following is a brief summary of the events that took place on October 11 and 12, 1996, relative to the incidental releases that occurred adjacent to Building 774/765.

### Friday, October 11, 1996

0220 hours: A security officer making normal rounds reports liquid being released from an exhaust pipe on a vacuum pump attached to a tanker near Building 765. The tank trailer was labeled as PCB and hazardous. The on-site Hazmat team responded to the location, cleaned up the release, and taped a plastic bag on the exhaust pipe to prevent any further releases. A estimated quantity of one pint was cleaned up. Liquid Waste Management was contacted.

0400 hours: The RCRA Contingency Plan was implemented. EPA codes for the waste were known to include F001, F002, and F005.

0700 hours: The Shift Manager attended Kaiser-Hill Managers meeting and briefed them on the release and the on-site Hazmat response.

1400 hours: The Site notified CDPHE and EPA, by telephone, of the incidental releases and contingency plan implementation. A telefax followed.

1633 hours: Building 774 Shift Manager reported that the plastic bag that had been installed on the exhaust pipe had failed and that approximately one gallon of solution had been released. The on-site Hazmat team responded and cleaned the area. It was determined that the tanker would not be released from the site until senior management from RMRS and Kaiser-Hill concurred that it could be safely shipped. Visual inspections of the vehicle were instituted on 30-minute intervals. They indicated that no further releases took place.

1818 hours: Kaiser-Hill reaffirmed that the tanker would not leave the site until John Hill contacted the Shift Manager. Preliminary laboratory sample results were received. They indicated that no PCB's were found in the released solution. Additional results on metals and organics would follow as the laboratory completes the analysis.

### Saturday, October 12, 1996

1047 hours: John Hill reported to the Shift Manager that the RMRS management had indicated that the tanker had suitable integrity and that it could be released from the Site. Mr. Hill concurred with this finding. Furthermore, the exhaust pipe that had been responsible for the incidental releases had been capped to prevent any further releases.

1228 hours: The Shift Manager was contacted by RMRS indicating that the tanker would leave the site. The Shift Manager indicated that the appropriate senior level management decisions had been made to release the tanker. A driver with Environmental Transportation Services was escorted to the truck.

1245 hours: The driver was authorized site access and taken to Building 774 and left with the tanker.

1550 hours: The driver contacted the Shift Manager. He noticed that condensation was visible in the exhaust stack that had the releases. RMRS contacted the driver and informed him that it was simply condensation. The tanker was hauled to Oak Ridge National Laboratory with no additional releases.

Attachment 2

The following is the information that is required for a written report that documents the implementation of the RCRA Contingency Plan.

Name, address, and telephone number of the facility owner or operator:

U. S. Department of Energy  
P.O. Box 928  
Golden, CO. 80402-0928  
(303) 966-5878

Name, address and telephone number of facility:

Same

Date, time, and type of incidents:

Friday, October 11, 1996  
0220 hours and 1633 hours  
Both incidental releases

Name and quantity of material(s) involved:

Trichloroethene @ 250 ppm, methylene chloride @ 33 ppm, and 1,1,1- trichloroethane, @ 930 ppm all of which were contained in an oil base  
Approximately a gallon of this material was released

When applicable, an assessment of the actual or potential hazards to human health and the environment, including protective measures taken:

The on-site Hazmat team cleaned the area following the release. The entire amount of the release as well as soil that it contacted was recovered and disposed according to plant procedures. Due to this, there was no risk to human health and the environment.

Estimate quantity and disposition of recovered material that resulted from the incident:

The absorbent wipes and soil associated with this release totaled approximately three cubic feet. They were containerized and placed into permitted storage as RCRA regulated waste.